

Dear Readers,

We are delighted to present the final issue of *BioTechnologia* for 2025, in which you will find, as always, engaging original research and review articles covering diverse areas of biotechnology.

In this issue, the original research articles explore materials for developing new molecular and cellular antiviral and antimalignancy vaccines; gene-expression profiling revealing shared inflammatory and metabolic pathways in PCOS, rheumatoid arthritis, and osteoarthritis; production and functional characterization of recombinant conotoxin μ -TIIIA and TIIIAIaMut with clinical assessment of their anti-wrinkle activity; eco-friendly bioremediation of oil-contaminated soils using biosurfactants, microorganism-destructors, and plants; and salinity-driven canthaxanthin enhancement in microalgae for bioprocess optimization. Elsewhere, review articles discuss *BRAF*-targeted cancer therapy, as well as the opportunities and health risks associated with nanotechnology in food systems.

We would like to thank all the authors and reviewers who have contributed to *BioTechnologia* this year. A complete list of our esteemed reviewers is published on the final pages of this issue. We are also sincerely grateful to our readers for their continued interest and support. We warmly encourage all scientists to submit their manuscripts.

Thank you all, and we hope you enjoy this issue!

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